Background

- Every drinking water system has discoloured water events at times
- Winnipeg currently is more susceptible to discoloured water events due to the level of manganese in our water
- The level of manganese is not a health concern
- This is an aesthetic concern that impacts customer service
Discoloured water reports vary by season

Discoloured Water SRs by Quarter 2013-2017

- Jan-Mar
- Apr-Jun
- Jul-Sep
- Oct-Dec

as of Sep 17
Discoloured water is primarily event driven.

Discoloured Water Service Requests (July 30 to Aug 30)

- **August 1, 2017** - Water Services operated the two 30 inch valves on the St. Vital/Fort Gary Feedermain in support of the Public Works/Transit - BRT project (55 SRs)
- **August 8, 2017** - Contractor hits a 10 inch PVC watermain on 2074 Devries (81 SRs)
- **August 22, 2017** - Water Services Dewatering Shore St. for the BRT project (25 SRs)
Public Notification Efforts

- Live updates to web for emergent events and planned work that might cause discoloured water.

- Past 7 days of work activity listed on website by area of City.
2014 Report Recommendation Update

- Several recommendations implemented
  - Changing coagulant supply specifications
  - Limitations on system operation to minimize flow changes
  - Increased frequency of reservoir cleaning
  - Accelerated water main cleaning program
2014 Report Recommendation Update

- Review/modification of Water Treatment Plant operation
- Change to new coagulant will start in 2018
For More Info

- Discoloured water FAQ web page
- Includes links to report summaries, council presentation notes
- [http://www.winnipeg.ca/waterandwaste/water/discolouredFAQ.stm](http://www.winnipeg.ca/waterandwaste/water/discolouredFAQ.stm)